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**To:** Examiner Megann E. Vaughn **From:** Dan C. Hu  
**Company:** U.S. Patent Office **Date:** June 22, 2007  
**Fax:** (571) 273-8300 **Pages:** 12 (including cover sheet)  
**Serial No.:** 10/554,116 **Our Ref:** SHLO388US(101.0122)

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☒ Confirm Receipt

**RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Attorney Docket No.: SHLO388US (101.0122)  
Date: June 22, 2007

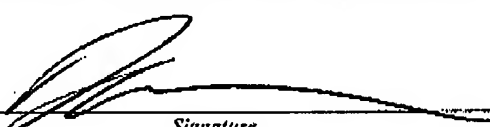
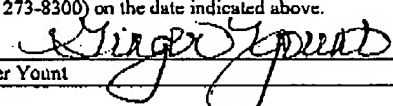
DCH/gky

Applicant(s): ARTHUR H. HARTOG  
Serial No.: 10/554,116  
Filing Date: October 21, 2005  
Title: DISTRIBUTED OPTICAL FIBRE MEASUREMENTS


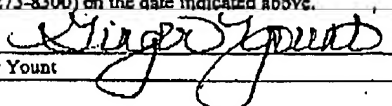
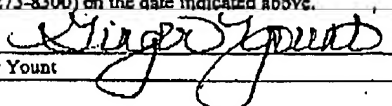
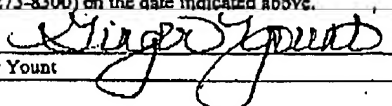
1. Amendment Transmittal (in duplicate); and
2. Reply to Office Action Mailed April 23, 2007.

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JUN 22 2007

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. SHL.0388US (101.0122)	
Applicant(s): Arthur H. Hartog						
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.	
10/554,116	10-21-2005	Megann E. Vaughn	35204	2859	4663	
Invention: Distributed Optical Fibre Measurements						
<b>COMMISSIONER FOR PATENTS:</b>						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	33 -	33 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	2 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 20-1504 (SHL.0388US) <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 Signature			Dated: June 22, 2007			
Dan C. Hu Registration No. 40,025 TROP, PRUNER & HU, P.C. 1616 South Voss Road, Suite 750 Houston, TX 77057-2631 Telephone: (713) 468-8880, ext. 304 Facsimile: (713) 468-8883			<div style="border: 1px solid black; padding: 5px;">           Date of Deposit: <u>June 22, 2007</u>            I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent Office (Fax No. (571) 273-8300) on the date indicated above.              Ginger Yount         </div>			
CC:						

P11LARGE/REV10

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INDEP. CLAIMS	2 -	3 =	0	x \$200.00	\$0.00				
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00				
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>				
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>20-1504 (SHL.0388US)</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.									
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<b>Dan C. Hu</b> Registration No. 40,025 <b>TROP, PRUNER &amp; HU, P.C.</b> 1616 South Voss Road, Suite 750 Houston, TX 77057-2631 Telephone: (713) 468-8880, ext. 304 Facsimile: (713) 468-8883			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date of Deposit: <u>June 22, 2007</u></td> </tr> <tr> <td>I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent Office (Fax No. (571) 273-8300) on the date indicated above.</td> </tr> <tr> <td style="text-align: center;">             Ginger Yount         </td> </tr> </table>				Date of Deposit: <u>June 22, 2007</u>	I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent Office (Fax No. (571) 273-8300) on the date indicated above.	 Ginger Yount
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JUN 22 2007

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Arthur H. Hartog	§	Art Unit:	2859
		§		
Serial No.:	10/554,116	§		
		§	Examiner:	Megann E. Vaughn
Filed:	October 21, 2005	§		
		§		
For:	Distributed Optical Fibre	§	Atty. Dkt. No.:	SHL.0388US (101.0122)
	Measurements	§		

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION MAILED APRIL 23, 2007

Dear Sir:

In response to the Office Action of April 23, 2007, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

Date of Deposit:	<u>June 22, 2007</u>
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<u>Ginger Yount</u>	
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